BR No 64 dt 3/7/15

P2434

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of work ..... From ..... To ..... 17301

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Name of work: Construction of Bridge over storm water drain at 12th 'C' Main Road, Mutyala nagar in J.P. Park Ward No. 17. | | | | | | |
| | Agency: Sri. J.C. prakash | | | | | | |
| | Work order No: EE/RRND/Wo. No./257/2013 14 | | | | | at | 20-2-14 |
| | Work Code: 017-14-000099 | | | | | | |
| | Contract Amount:- 2083,676.00 | | | | | | |
| | Date of Measurement:- 31/7/15 | | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Item No: 1) | Dismantling of Existing Structures like Culverts, Bridges, retaining Walls and other Structure Comprising of masonary, cement Concrete, Woodwork, steel work, including T&P and Scaffolding wherever Necessary. Sorting the dismantled material, disposal of unserviceable material and stacking serviceable material with all lifts Complete as per Specifications. I/C. B. Dismantling Stone Masonry in 1:6 Cement Mortar and as directed by Engineer in charge of the work. | | | | | | |
| | Dismantling Stone Masonry wall | | | | | | |
| | 12th C Road. | 2 | 5.80 | 0.9 | 1.5 | = 15.66 | |
| | | 2 | 6.7 | 0.9 | 1.5 | = 18.09 | |
| | | | | | | 33.75 Cum | |
| | | | Total Qty to be paid limited to | | | 32.40 Cum | |

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**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

Serial No. .....

Name of work ..... From ..... To ..... 17302

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Item NO 2:- Dismantling of Existing structures like culverts Bridges, retaining walls and other structure comprising of masonry, cement Concrete, Wood work, steel work, including T&P and Scaffolding wherever necessary, Sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts Complete as per Specifications. II. By Mechanical means; A. Cement Concrete Grade M-15 & M20 | | | | | | |
| | Damaged Concrete cum. | | | | | | |
| | Bed concrete | 2 | 5.3 | 5.25 | 0.15 | 8.35 | |
| | Coping | 2 | 6.50 | 0.6 | 0.1 | 0.78 | |
| | | | | | Qty to be paid: | 9.13 cum. | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Item NO: 3 | Earth work in Excavation for foundations of structures as per drawing and Technical Specifications dressing of sides and bottoms and backfilling with approved material Complete as per specifications & Mechanical means in depth up to 3.00 m Morth specification. | | | | | | |
| | 12th C Road. | | | | | | |
| | for bridge portion | 1 | × 5.1 | × 6.55 | × 1 | = 33.41 | |
| | | 1 | × 5.4 | × 6.55 | × 1 | = 35.37 | |
| | for approach slab | 1 | × 5.4 | × 2.5 | × 0.5 | = 6.75 | |
| | | 1 | × 5.0 | × 2.5 | × 0.5 | = 6.25 | |
| | For R.C.C. drain | 1 | × 12.5 | × 1.20 | × 0.80 | = 12.00 | |
| | drain desilt | 2 | × 30 | × 0.7 | × 0.6 | = 21.60 | |
| | | | | | | 115.38 Cum | |
| | Qty to be paid = 115.38 Cum. | | | | | | |

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

17305

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | Total Qty | | to be paid | 6215.25/1000 = 6.215 MT. | |
| | | | | | | = 6.22 ≈ 6.215 MT. | |
| I. No. 6) | Plain/Reinforced Cement Concrete in open foundation with OPC Cement design mix M35 @ 390 Kgs with 20mm and down size graded granite metal Coarse aggregates @ 0.68 cum and fine agg @ 0.45 cum transit mixer and concrete pump as directed by Engineer incharge | | | | | | |
| | for Bottom Slab/Raft | 1 | 5.10 | x 5.75 x 0.45 = | | 13.20 | Checked Raj |
| | | 1 | 5.40 | x 5.75 x 0.45 = | | 13.97 | |
| | Staircase portion | 1 | 5.1 | x 0.3 x 0.3 = | | 0.46 | |
| | | 1 | 5.4 | x 0.3 x 0.3 = | | 0.49 | |
| | | | | | | 28.11 cum. | |
| | | | | Total Qty to be paid | | = 28.11 cum | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Item NO: 7 | Design mix M-35 with OPC Cement @ 390 kgs, with graded granite metal etc... with Super plasticizers @ 3 Lts IS9103-1999 upto 5mt height and as directed by Engr | | | | | | 20mm down size Conforming to Inclanga Form |
| | 12th C Main road Box side walls | Cum | | | | | |
| | Chennai | 2 | × 5.80 | × 0.45 | × 1.50 | = 7.83 | |
| | Road | 2 | × 5.00 | × 0.45 | × 1.50 | = 6.75 | |
| | | | | | | 14.18 Cum | |
| | | Qty to be paid = 14.18 Cum. | | | | | |
| Item NO 10:- | Supplying fitting and placing T.MT bar fe415 reinforcement in Super Structure Complete as per drawing and technical Specifications Complete as per Specifications. MT | Unit | NO's | length | weight of bars/mt | Total Wt kg | |
| | Steel for Top Slab 20# Top | 1 | 53 | × 5.40 | × 2.470 | = 706.91 | |
| | bottom 25# | 1 | 53 | × 5.40 | × 3.858 | = 1104.16 | |

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

17307

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Haunch portion | 2 | 5.1 | 0.3 | 0.3 | = 0.92 | Cleared Road |
| | Corbel -"- | 2 | 5.1 | 0.49 | 0.5 | = 2.51 | |
| | Crash barrier | 2 | 5.1 | 0.34 | 0.9 | = 3.12 | |
| | Wearing Coat above raft | 1 | 4.0 | 4.3 | 0.15 | = 2.58 | |
| | | | | | | 39.91 cum. | |
| | | | Qty limited to = | | | 39.71 cum | |
| | | | Qty to be paid = | | | 39.71 cum | |
| envo! | 2) Providing and laying a filter media with Crushed aggregates satisfying the requirements of Morth specifications to a size towards the soil and bigger | | | thickness of not | towards the | granular material / stone laid wall Complete as per | dacon indene 2500.4 less than 600 mm with Smaller specifications |

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**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

17311

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 16 | Playing P.C.C. M15 | Cum 1 | 1.20 | 5016 | 6019.20 | 1.20 | 6019.20 |
| | | | | | | | Rs. 20,79,745.49 |
| | | | | | | | 20800718 |

Reached

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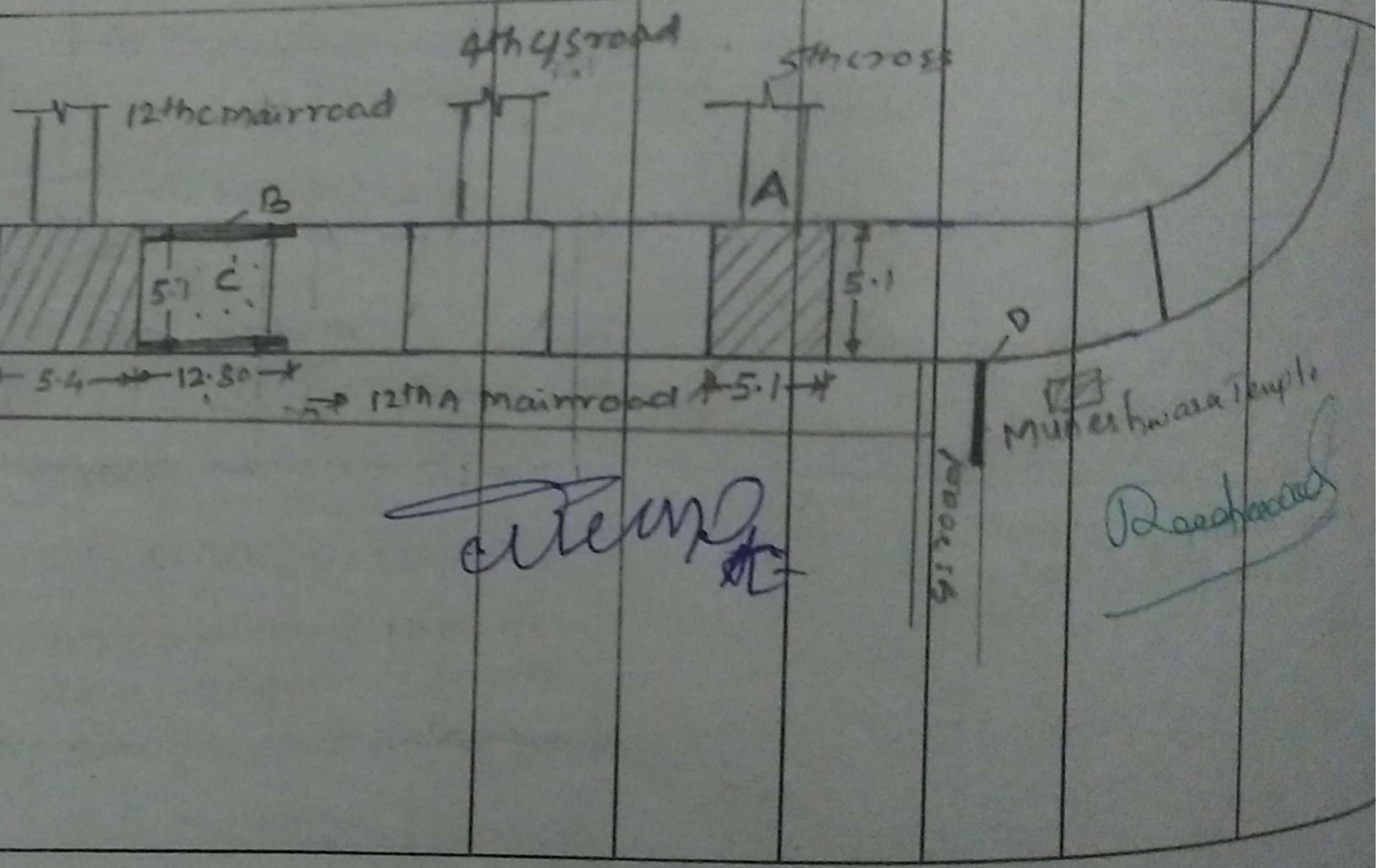
# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Remarks |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |

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